



1

PCT/GB98/02628

SEQUENCE LISTING

<110> Crisanti, Andrea

<120> Conjugates that Contain the Homeodomain of Antennapedia

<130> GJE-39

<140> US 09/486,676

<141> 2000-03-01

<150> GB 9718609.2

<151> 1997-02-02

<160> 12

<170> PatentIn version 3.1

<210> 1

<211> 60

<212> PRT

<213> Drosophila sp.

<400> 1

Arg Lys Arg Gly Arg Gln Thr Tyr Thr Arg Tyr Gln Thr Leu Glu Leu
1 5 10 15

Glu Lys Glu Phe His Phe Asn Arg Tyr Leu Thr Arg Arg Arg Arg Ile
20 25 30

Glu Ile Ala His Ala Leu Cys Leu Thr Glu Arg Gln Ile Lys Ile Trp
35 40 45

Phe Gln Asn Arg Arg Met Lys Trp Lys Lys Glu Asn
50 55 60

<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Six histidine tail fused to conjugate for purification

<400> 2

His His His His His His Gly Ser
1 5

<210> 3

<211> 16

<212> PRT

<213> Drosophila sp.

<400> 3

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 4

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Variant sequence of helix 3. Must have between
6 and 10 hydrophobic amino acids.

<220>

<221> MISC_FEATURE

<222> (1) .. (5)

<223> Can be any alpha-amino acid.

<220>

<221> MISC_FEATURE

<222> (7) .. (16)

<223> Can be any alpha-amino acid.

<400> 4

Xaa	Xaa	Xaa	Xaa	Xaa	Trp	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
1				5				10					15		

<210> 5

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Variant sequence of helix 3. Must have between
6 and 10 hydrophobic amino acids.

<220>

<221> MISC_FEATURE

<222> (1) .. (10)

<223> Can be any alpha-amino acid.

<220>

<221> MISC_FEATURE

<222> (12) .. (16)

<223> Can be any alpha-amino acid.

<400> 5

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa
1 5 10 15

<210> 6

<211> 35

<212> PRT

<213> Drosophila sp.

<400> 6

Leu Thr Arg Arg Arg Arg Ile Glu Ile Ala His Ala Leu Cys Leu Thr
1 5 10 15

Glu Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
20 25 30

Lys Glu Asn
35

<210> 7

<211> 35

<212> PRT

<213> Drosophila sp.

<400> 7

Leu Thr Arg Arg Arg Arg Ile Glu Ile Ala Tyr Ala Leu Cys Leu Thr
1 5 10 15

Glu Arg Gln Ile Lys Ile Trp Phe Ala Asn Arg Arg Met Lys Trp Lys
20 25 30

Lys Glu Asn
35

<210> 8

<211> 35

<212> PRT

<213> Drosophila sp.

<400> 8

Leu	Thr	Arg	Arg	Arg	Arg	Ile	Glu	Ile	Ala	His	Ala	Leu	Cys	Pro	Pro
1				5					10					15	

Glu	Arg	Gln	Ile	Lys	Ile	Trp	Phe	Gln	Asn	Arg	Arg	Met	Lys	Trp	Lys
			20						25				30		

Lys	Glu	Asn
		35

<210> 9

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Factor Xa cleavage sequence.

<400> 9

Ile	Glu	Gly	Arg
1			

<210> 10

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Enterokinase cleavage sequence.

<400> 10

Asp Asp Asp Asp Lys
1 5

<210> 11

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Thrombin cleavage sequence.

<400> 11

Leu Val Pro Arg Gly
1 5

<210> 12

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> GAL4 DNA binding domain.

<400> 12
cggaggacag tcctccg

17